

FIG.4

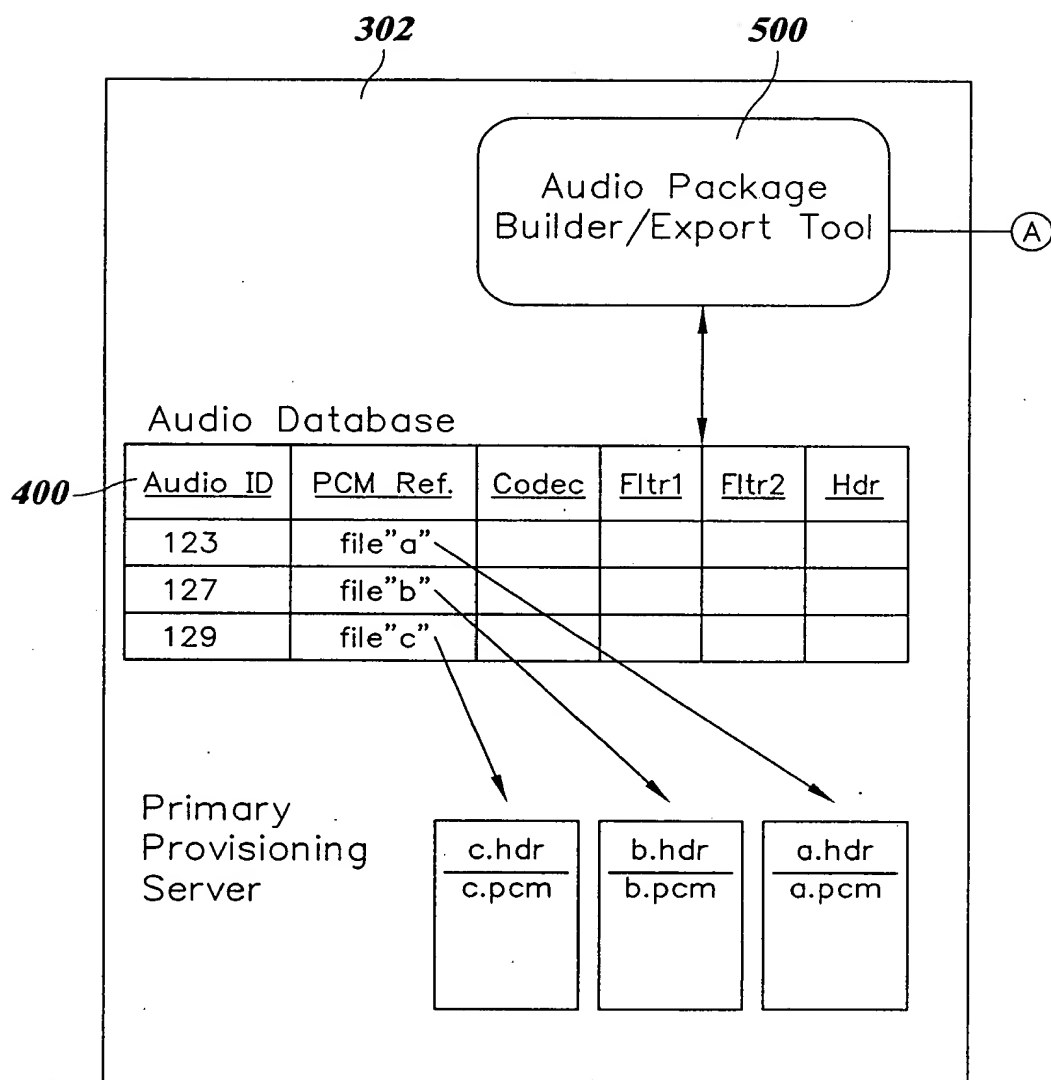


FIG. 5a

The diagram illustrates a packet-based network system architecture. A host (501) is connected to a gateway (200) via a packet-based network (204). The host contains an Audio Segments File (502) and an Index File (504). The gateway contains an Index File (504) and an Audio Segments File (502). A catalog file (506) is also shown on the host side.

**Host (501) Components:**

- Audio Segments File (502):** Contains two entries:
 

off.x	File header contents of file "b.pcm"	len.x
off.y	contents of file "c.pcm"	len.y
- Index File (504):**

Audio ID	PCM Ref.	Len
127	off.x	len.x
129	off.y	len.y
- Catalog File (506):**

Index	Title	Text
127	Welcome	"Welcome to..."
129	All Ccts bsy	"We are sorry..."

**Gateway (200) Components:**

- Index File (504):**

Audio ID	PCM Ref.	Len
127	off.x	len.x
129	off.y	len.y
- Audio Segments File (502):** Contains two entries:
 

off.x	File header contents of file "b.pcm"	len.x
off.y	contents of file "c.pcm"	len.y

The packet-based network (204) is represented by a cloud shape, indicating a network connection between the host and the gateway.

FIG. 5b

Info Package Editor

Title: GW\_North

Description: Default description

Originator: asamadmin

Export Status: Not Exported

Lock Status: Unlocked

Package ID: 0

Version: 0

Creation Date: 20-Sep-99


Last Modified by: N/A

Exported By: N/A

Locked By: N/A

Submit

Cancel

 Signed by:

[illegible]





000001-9912100

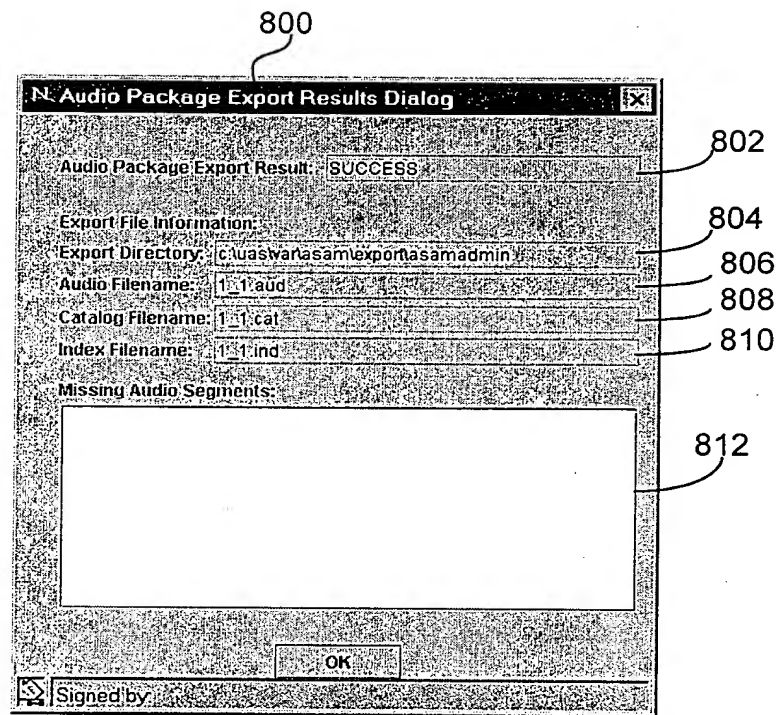


FIG.8

FIG.9

502a

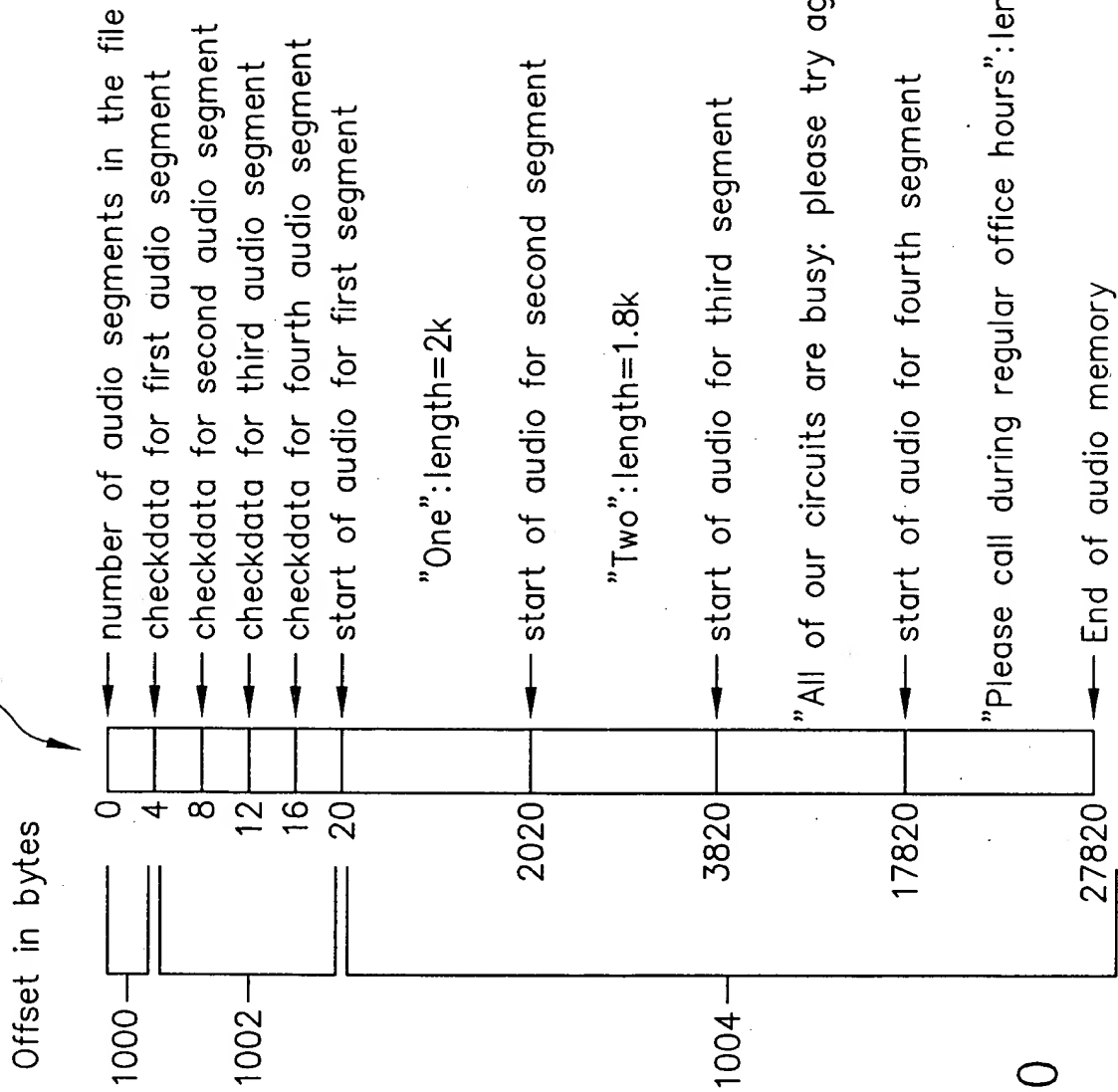


FIG.10

**1100**

### CATALOG FILE RECORD

Record Number 4  
Audio Identifier: 5678  
Title: Busy Circuit Announcement  
Text: All circuits are busy. Please try your call again later.  
Codec: G.711  
Format: alaw  
Recording date: September 19, 1998  
Version: 1.0  
Voice Identifier: Jane Smith, International Talent Inc.  
Group: NA  
Subgroup: NA  
Language: English  
Release Notes: New prompt  
Checkdata: 110393453

FIG.11

504a

Index File						
Audio ID	Package ID	Package Ver.	Offset	Len	Segment Format	Checkdata
1234	2	1	20	2000	1	1234
5678	2	2	2020	1800	2	9876
9012	7	3	3820	14000	2	5432
2345	8	2	17820	10000	2	1755

(B)

(C)

starting offset for seg 4

(D)

1100a

CATALOG FILE RECORD

Record Number 4  
 Audio Identifier: 2345  
 Title: Office Hours Announcement  
 Text: Please call during regular office hours.  
 Codec: G.711  
 Format: alaw  
 Recording date: October 8, 1998  
 Version: 1.0  
 Voice Identifier: Jane Smith, International Talent Inc.  
 Group: NA  
 Subgroup: NA  
 Language: English  
 Release Notes: Initial version  
 Checkdata: 1755

(E)

FIG.12a

SCANNED

